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This listing of claims will replace without prejudice all prior versions and listings of claims in the application:

In the Claims:

Claims 1-3 (canceled).

Claim 4 (currently amended): A method for cultivating a graftable skin material for application to grafting onto a neodermis of a human patient, said method comprising:

growing a first layer of human dermal fibroblasts upon a basal side of a biosynthetic substratum of an esterified hyaluronic acid;

growing a second human dermal fibroblast layer upon an upper side of said biosynthetic substratum; and

after said second dermal fibroblast layer begins to proliferate, growing a layer of keratinocytes over said second layer to form a composite skin material, said keratinocytes having been harvested from said patient.

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Claim 5 (previously amended): The method according to claim 4 wherein said dermal fibroblasts are allogenic to the keratinocytes.

Claim 6 (previously amended): The method according to claim 4 wherein said dermal fibroblasts are autologous to the keratinocytes.

Claim 7 (previously canceled).

Claim 8 (currently amended): A graftable skin material for application to a grafting onto a neodermis of a human patient, said material comprising a composite of:

a biosynthetic substratum of an esterified hyaluronic acid;

a layer of viable human dermal fibroblasts upon an upper side of said biosynthetic substratum; and

a layer of viable human keratinocytes over said dermal fibroblasts upon said upper side of said substratum, said keratinocytes having been harvested from said patient.

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Claim 9 (previously amended): The material according to claim 8 wherein said dermal fibroblasts are allogenic to the keratinocytes.

Claim 10 (previously amended): The material according to claim 8 wherein said dermal fibroblasts are autologous to the keratinocytes.

Claim 11 (currently amended): A graftable skin material for application to a grafting onto a neodermis of a human patient, said material comprising a composite of:

a biosynthetic substratum of an esterified hyaluronic acid;

a first layer of viable human dermal fibroblasts upon a basal side of said biosynthetic substratum;

a second layer of viable human dermal fibroblasts upon an upper side of said biosynthetic substratum; and

a layer of viable human keratinocytes over said dermal fibroblasts upon said upper side of said substratum, said keratinocytes having been harvested from said patient.

Claim 12 (previously amended): The material according to claim 11 wherein said dermal fibroblasts are allogenic to the keratinocytes.

Claim 13 (previously amended): The material according to claim 11 wherein said dermal fibroblasts are autologous to the keratinocytes.

Claim 14 (previously canceled).

Claim 15 (currently amended): A method for grafting a graftable cultivated skin material onto a human patient, comprising the steps of:

applying an artificial skin substrate upon a wound bed of said patient; said artificial skin substrate comprising a layer of collagen-glycoaminoglycan on a basal side to be juxtaposed to said wound bed and a covering membrane of silicone on an opposing upper side;

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allowing a vascularized wound bed to form under said collagenglycoaminoglycan; thereupon

removing said silicone membrane; and

applying a basal side of a sheet of <u>the</u> cultivated skin material over said collagenglycoaminoglycan, said cultivated skin material comprising a layer of keratinocytes overlying a layer of viable human dermal fibroblasts upon an upper side of a biosynthetic substratum, said keratinocytes being harvested from said patient.

Claim 16 (previously canceled).

Claim 17 (currently amended): The method according to claim 16 15 wherein said cultivated skin material further comprises a layer of dermal fibroblasts upon said basal side of said biosynthetic substratum.

Claim 18 (previously added): A method according to claim 15, wherein said biosynthetic substratum is a substratum of an esterified hyaluronic acid.

Claim 19 (canceled).

Claim 20 (currently amended): The method according to claim 19 18 wherein said cultivated skin material further comprises a layer of dermal fibroblasts upon said basal side of said biosynthetic substratum.

Claim 21 (canceled).

Claim 22 (previously added): The method of claim 4, wherein the esterified hyaluronic acid is benzyl esterified hyaluronic acid.

Claim 23 (previously added): The material of claim 8, wherein the substratum is a membrane comprising benzyl esterified hyaluronic acid.

Claim 24 (previously added): The material of claim 11, wherein the substratum is a membrane comprising benzyl esterified hyaluronic acid.

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Claim 25 (previously added): The method of claim 18, wherein the substratum is a membrane comprising benzyl esterified hyaluronic acid.

Claim 26 (canceled).

Claim 27 (currently amended): The method of claim 22, wherein the membrane has microholes of about 40 µm diameter holes capable of draining exudate.

Claim 28 (currently amended): The material of claim 23, wherein the membrane has microholes of about 40 µm diameter holes capable of draining exudate.

Claim 29 (currently amended): The material of claim 24, wherein the membrane has microholes of about 40 µm diameter holes capable of draining exudate.

Claim 30 (currently amended): The method of claim 25, wherein the membrane has microholes of about 40 µm diameter holes capable of draining exudate.

Claim 31 (new): A method for grafting a cultivated skin material onto the wound bed of a human patient, comprising the steps of:

covering the wound bed with a neodermis, and

applying the cultivated skin material onto the neodermis; said cultivated skin material comprising a basal side and an upper side of a biosynthetic substratum and a layer of keratinocytes overlying a layer of viable human dermal fibroblasts upon said upperside, said keratinocytes being harvested from said patient.

Claim 32 (new): The method of claim 31, wherein said fibroblasts are autologous to the keratinocytes.

Claim 33 (new): The method of claim 31, wherein said cultivated skin material further comprises a layer of dermal fibroblasts upon said basal side of said biosynthetic substratum.

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